

RED CROSS DRIVE OPENS MARCH 1 IN Y-12



HERE IS THE Y-12 PLANT RED CROSS FUND CAMPAIGN COMMITTEE PLANNING FOR THE ANNUAL drive starting March 1. From left around the table committeemen and their divisions are L. E. Burkhart, Technical; H. D. Duncan, Maintenance; Kyle Reed, Manufacturing Office; A. L. Stephens, Laboratory; Chairman R. A. Walker, Maintenance Division Superintendent; Jess Hamon, Atomic Trades and Labor Council; R. T. Cantrell, Industrial Relations; Glenn A. Atchley, International Guards Union of America; Walter Cameron, Chemical; and J. Clyde Bowles, Engineering. H. N. Benninghoff, Superintendents, was not present when picture was made.

\$5,000 Goal Set For Plant To Aid Chapter In Answering Call For Need

R. A. Walker Named Plant Committee Chairman; Group Plans Speedy And Substantial Campaign

Determined to again speedily and substantially demonstrate their support of the valuable work done by the Oak Ridge Chapter of the American Red Cross, Y-12ers are girding for the 1955 annual fund campaign, scheduled to open on next Tuesday morning, March 1. A goal of \$5,000 has been set for Y-12 with the total target of the chapter being \$25,300 to carry on its humanitarian work in the community. This is slightly more than the 1954 goal of \$24,595.

R. A. Walker, Superintendent of the Maintenance Division, has been appointed as Y-12 Plant Chairman for the Red Cross drive. The plant fund raising committee, representing every division in Y-12, met last week to receive information on the campaign and promised another smooth and swift drive that not only would quickly raise the plant's monetary goal but maintain Y-12's long record of being the first unit in its classification to go "over the top" in the campaign.

On Top For Seven Years

"Let's make it eight straight," was the slogan of the committee last week. For the past seven years, generous Y-12ers have been first on the line at Red Cross headquarters with reports showing the plant goal met and exceeded.

In addition to Chairman Walker, other members of the plant campaign committee and their divisions are L. E. Burkhart, Technical; H. D. Duncan, Maintenance; Kyle Reed, Manufacturing Office; John Reece, Mechanical Operations; A. L. Stephens, Laboratory; R. T. Cantrell, Industrial Relations; Walter Cameron, Chemical; J. Clyde Bowles, Engineering; and H. N. Benninghoff, Superintendents.

Union Leaders Support Aims

Sitting with the committee last week were Jess Hamon, President of the Atomic Trades and Labor Council, American Federation of Labor; and Glenn A. Atchley, Vice President of the Y-12 unit of the

Continued on Page 4

SAFETY SCOREBOARD

The Y-12 Plant Has Operated

40 Days Or

1,386,240 Hours

(Unofficial Estimate)

Without A Lost Time Accident

Through February 20

Alarm Loop Testing To Be Held Saturday

Air Horns, Tap Bells Involved In Evaluation

An extensive testing of the Y-12 alarm loop system will be held throughout the plant at intervals during Saturday, February 26, beginning at 9 a.m. The tests are to be made to determine the effectiveness of the system and equipment.

The alarm system involves the air horns on Bldgs. 9202 and 9204-3 and tap bells and public address systems in various Y-12 Plant Area buildings. The employees in the various buildings affected by the test will be advised in advance of the signals.

The testing of the alarm system will involve only the coded signals—"22," "33," "44," and "55."

The normal fire alarm system through the Gamewell boxes will be in service as usual during the testing with alarms being received and fire apparatus dispatched as needed the same as any other time.

The testing will be coordinated by A. S. Preston, of Electrical Engineering, and the Plant Shift Superintendents office. Evaluation of the test signals will be handled by the Plant Shift Superintendent's office through reports from shift personnel who will be at work during the testing program.

Conservation Club To Hold Election Meeting Thursday

The Oak Ridge Conservation Club, in which many Y-12ers are active, will hold its annual election meeting Thursday night, February 24. The meeting will start at 8 o'clock in the Ridge Recreation Hall. Y-12ers now on the board of directors of the club are Evan Means, the first president of the group, and E. E. Johnson. L. K. Flynn is treasurer of the club. In addition to the election, a motion picture "Cheechako" will be shown, depicting tenderfoot life in Alaska.

'Big Toot' Back Sounding Off From New Site

"Big Toot" is the whistle that for 10, these many years—ever since steam power came to Y-12 as the big plant emerged from the East Tennessee hills back in 1943—has been promptly notifying Y-12ers as to beginning and quitting time on various shifts. It's melodious braying has become a fixture—even more so than the raucous bleats of the air-horn emergency tooters that sound out the fire alarms in Y-12 and which are of far more recent origin.

"Something Was Missing"

Several days ago a feeling of "something is missing" swept into Y-12.

"What's the matter?" was the question passed around—and finally the mystery was solved.

"Big Toot" had stopped tooting. Was the landmark—if the sound of a whistle can be called that—gone? How could one set one's watch—know when to begin to get ready to go home—if "Big Toot's" tune was to be forever quieted?

The question quickly was settled

Continued on Page 4



"BIG TOOT" TOOTS AGAIN. AFTER SEVERAL DAYS OF SILENCE BECAUSE OF MOVING, THE OLD STEAM whistle is in action again. In the picture at left W. S. Porter, General Utilities Department Superintendent, pushes the button at the new steam plant to shoot steam to "Big Toot's" lungs and cocks an ear for the result. At right, Steam Plant General Foreman A. H. Norman finds a close-up blast of "Big Toot" almost too much for the eardrums but sufficiently loud to be heard throughout the plant.

West Portal Pay Point Moved To New Location

More Parking Space Now Open For Y-12ers

The West Portal pay point for Y-12ers who have been receiving their pay checks there, has been moved to the location of the new pedestrian portal that was opened last Sunday. The pay point will be in operation for the first time on Friday, February 25. The new pedestrian portal is located just west of Bldg. 9998 at the end of the paved portion of the West Portal lot and replaces the portal previously located at the west end of the Central Parking Lot.

The move of the pedestrian portal to its new location was made possible because employment of the Rust Engineering Co. has decreased sufficiently to allow much greater parking space for Y-12ers on the paved and gravel parking lots at the West Portal, formerly an all-Y-12 lot. This increased parking space will be of particular convenience for Y-12ers in Bldgs. 9212, 9206, 9204-2, 9204-3, the Fire Department and the Steam Plant.

Addition of the additional parking space is expected to relieve congestion at other Y-12 parking areas and on Bear Creek Road.

6-7580



The Bulletin

Published Weekly By And For
Y-12 Employees Of
CARBIDE AND CARBON
CHEMICALS COMPANY
A Division Of
Union Carbide and Carbon
Corporation
Post Office Box Y
Oak Ridge Tenn.
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Analytical Group Sets Talk On Control Charts

Roberta L. McCutchen, former Y-12er and now with the Analytical Chemistry Division of Oak Ridge National Laboratory in the Y-12 Plant Area, will speak at a meeting of the Analytical Group of the East Tennessee Chapter of the American Chemical Society tomorrow night, Thursday, February 24. The meeting will be held in Rooms 245-246 of the Oak Ridge High School.

The subject of the lecture of the night will be "The Use of Control Charts in Analytical Chemistry." The speaker will discuss techniques, terms and symbols associated with the use of control charts. The interpretation of variations and the detection of biases, trends and gross errors will be illustrated and discussed with the aid of control charts.

The speaker is a graduate of Michigan State College, where she received her B.S. Degree in chemistry in 1941. She continued her studies there and at the University of Tennessee in chemistry and industrial management. She is presently in charge of the quality control group of the ORNL division with which she is associated.

Many Y-12 Entries Seen In Hobby Fair

Interest by Y-12ers and members of their families in the fourth annual Oak Ridge hobby show set for Saturday, February 26, is good, it is indicated by the number of requests received by the Recreation Office, Bldg. 9704-2, Room 221, for registration blanks. The fair will be held in the Ridge Recreation Hall and application blanks also may be obtained at the City Recreation Department office, Room 113, Oak Ridge administration building; Ridge Recreation Hall, Central Bus Terminal and Hobby Land.

Five Divisions Open

The fair is divided into five exhibit divisions, covering a wide field of activities. In handicrafts entries will include weaving, leather work, metal craft, furniture making, book binding, sewing of all kinds, sculpture and other fields of endeavor. Collections will include coins, stamps, scrap books, dolls and other groups of items. The models division will include airplanes, model houses, boats, ship models, railroads and similar entries. Snapshots, movies, drawings and paintings will be among the entries in the graphic arts division. In mechanical and technical exhibits will be those demonstrating radio, electricity and chemistry.

50 Exhibits Last Year

Fifty different exhibits were on display last year, an increase over the previous year.

Committee members working with Miss Doreen O. Kirkland, of the City Recreation Department, on plans for this year's show are Mrs. John O'Connor, Anthony Abbatello, Mrs. Francis Green and Bernard Sturm. One of the committee's aims this year is to interest more junior entries. The juniors, which are classified as stu-



Simile—As confusing as identical girl twins cavorting in a Fun House full of those funny mirrors. More about that—maybe—after the news.

MAINTENANCE

Planning and Estimating sends get-well wishes to Edna Tyler, out ill last week—and also to its hospitalized folks, Clyde Brewer and W. T. McNamara.

Transportation and Buildings and Grounds folks are busy congratulating Stewart Hatcher on the birth of his new son, James Stewart Hatcher, born February 16 in the Oak Ridge Hospital.

The stork also paid visits to a pair of Electrical Maintenance lads during the last few days—the new pops are T. Faulk with a daughter and W. W. Thompson a son . . . Superintendent C. B. Newman and P. J. Hunnicutt were on the ailing list last week and got lots of get-well wishes . . . H. G. Bingham was welcomed back after being ill for some time.

Sad news features the Laundry Department report . . . Condolences were extended Kenneth Faulkner, whose sister died last week . . . Rapid-recovery wishes are sent to Laura Kennedy, still on the sick list.

B. M. Thomas, L. E. Brown and Fred E. Daniel were vacationers at unreported destinations from Beta Two Maintenance.

Alpha Four and Five Maintenance report Perry Ward and F. H. Perry on the sick list with pals hoping they will be back soon . . . H. C. Lauder milk was a vacationer at an undisclosed hideaway.

Vacationers are the news in Field Maintenance — Gadding about hither and yon are A. A. Woods, J. L. Sandefur, E. E. Boyatt, R. C. Whitehead and H. Moore.

MECHANICAL OPERATIONS

C. P. McLeMore, General Machine Shop, chose Miami Beach for his vacation last week and reported he nearly froze stiff in that 39-degree weather (Miami Chamber of Commerce please note) . . . J. W. Young is vacationing closer to home by visiting kin folks in chilly Corbin, Ky. . . Gosh, look at the sick folks down thataway—all getting wishes for speedy recoveries—J. B. McKinney, J. L. Overton, C. H. Drummond, E. A. Fritts, E. E. Burns, O. K. Sergeant and D. H. Allen . . . J. F. McDonald was another recent vacationer.

MANUFACTURING OFFICE

T. A. Williams' smiling face is back behind the bars at the Cashier and Travel Office after a spell of miseries.

The Time Office welcomed Lucille Hatmaker back last week after an illness.

Property is sending get-well wishes to Carolyn Tucker and George Easley.

The sick list continues — add Joanne Osborne, of the Tool Department.

D. A. Ford, of Property Sales, is vacationing this week and his pals wish him well—particularly as his wife is scheduled for an operation during the week.

Kay Steed, of Manufacturing Office, is another occupant of the sick list and receiving rapid-recovery wishes from many friends.

TECHNICAL

Dorsey Bruner, Civil and Architectural Engineering, was receiving his get-well wishes at the Oak Ridge Hospital last week.

Mechanical Engineering welcomes newcomer Bob Lassiter . . .

dents under 18 years of age, will exhibit as a separate unit.

All entries must be submitted to the City Recreation Department by tomorrow, Thursday, February 24.

The department also rolled out the welcome home mat for L. L. Mitchum, back after doing his hitch for Uncle Sam . . . Another returning vet just finding his way around Y-12 again after four long years in the Navy is Wayne Groppe—he did two stints each in Korea and Japan on the USS Delta, a repair ship. His dad is Al Groppe of the Maintenance Division.

Get-well wishes go to the wife of W. R. Ellis, Electrical Engineering, who is recuperating from an operation.

Wilma Brock, of Health Physics, was on the sick list last week; folks hope she'll be back shortly.

Harvey Kite, T. S. Mackey, J. E. Perry and Dave Baldwin were among the ADP Development people feeling poorly last week.

Tom Hamrick, Production Analysis, is the most proud father in the outfit last week after the birth of his first youngster—a daughter, Patricia Lea, born February 13 in the Oak Ridge Hospital—baby and mother, the former Kay Mason, reported fine . . . The event automatically qualifies two more members for the Y-12 Grandfather's Club for whom the other venerable members move up two notches to welcome Pat Hamrick, of Employment; and C. W. Mason, Research Services.

ALLOY

Sympathy was extended Harry E. Burns, of Beta Two, whose mother, Mrs. Carrie Burns, died last week in Lenoir City . . . Likewise, get-well wishes were sent to Nancy Stutts, ill in the Oak Ridge Hospital.

Beta Four sends rapid-recovery wishes to the wife of W. A. McNair, recuperating from a recent operation.

Alpha Five extends sympathy to Everett Daughtery, whose father-in-law died recently . . . Charley Whitfield is vacationing and dressing up that new home of his over in Burchfield Heights . . . J. D. Hart is another Y-12er back from Florida with sad remarks about the weather . . . That stork also got around the department on February 11 with a couple of visits—leaving a son, Thomas William, to W. T. Crow—and another boy, Allan Russell, to R. H. Angel.

INDUSTRIAL RELATIONS

Damon Nelson, of the Guard Department, proudly welcomed the first child in the family last week at the Oak Ridge Hospital when little Glenna Darlene put in her appearance at seven pounds, eight and one-half ounces . . . While Boys in Blue were congratulating him these others were vacationing—E. H. Gass, M. L. Cooper, C. M. Bryant and G. Huddleston . . . Anybody seen Cap'n Leroy Dickinson recently?

Insurance Department reports no news—all the ailing are back safe and sound.

Remember those identical twins in the Fun House—seems as how they were both chesing a guy named Tony . . . Wonder which twin got the Tony?

Ouch, boss, don't hit me with that ball bat no more—lemme go, lemme go, lemme go, loafer.

ENTREES ARE ANNOUNCED FOR SPECIAL LUNCHES AT Y-12 CAFETERIA

Individual pork and apple casserole will be the entree on the 50-cent Special Lunch at the Y-12 Cafeteria tomorrow, Thursday, February 24. For next Tuesday, the main dish on the Special Lunch will be Italian spaghetti with meat sauce. The Special Lunches also include one vegetable, choice of salad or dessert and rolls and butter.

Y-12 Home Gardeners Invited To U-T Class

Spring just can't be far away—and with it's coming many Y-12ers will be feeling the horticultural urge to plant something, almost anything; for pleasure and perhaps profit. Planting of flowers, shrubs, vegetables and fruits will be engaged in by the amateur agricultural enthusiasts of Y-12—and it is for these folks as well as the more experienced home gardeners that the University of Tennessee has announced a home gardening course for all—both rural and city dwellers—to be held next week, March 1, 3 and 4. According to B. S. Pickett, head of the U-T horticulture and forestry department, the school last year drew a number of Y-12ers and an even larger number is expected in the class this year.

Three Night Classes Held

The course is composed of three night classes in general gardening for those who want to study up-to-date methods, and who do not intend to enroll in regular university classes. Last year was the first time the course has been offered at U-T, and it attracted 146 men and women from Knoxville and surrounding areas who work in the day, and can commute to the night classes. Students, faculty and U-T administrators all reported that the course was highly successful.

The course is aimed at giving the enrollees practical information that can be put to use immediately on their home grounds or in their gardens. Visits to those attending the first course showed each using much of what they had learned.

Classes At Morgan Hall

Classes will be from 7 p.m. to 9 p.m. in Morgan Hall and McCord Hall, College of Agriculture Campus. Only a \$1 fee is required for any one or all the classes. No preliminary registration is required, just attend the class or classes desired. Teaching is done by members of the regular College of Agriculture staff.

Instruction given March 1 — What's New in Horticulture; Fruit Growing for the Gardener; Annual Flower Varieties and Culture.

March 3 — Lawn Making and Maintenance; Roses—Their Selection, Culture and Use; Vegetable Growing in Home Gardens; House Plants—Kinds and Culture.

March 4—Shade Trees—Choice, Care, Arrangement and Planting; Planning the Landscape for the One-Story House; Pruning Woody Ornamentals; Common Perennials—Use and Culture. Students have the choice of two subjects each night.

10 Years Service

Congratulations to the following Y-12 employees who will have completed 10 years of Company Service within the next few days—Samuel S. Gray, Field Maintenance, March 24.

Lizzie J. Alexander, Chemical, March 26.

Edward L. Mapes, Alpha Five Maintenance.

Wives Of Y-12ers Winners At Card Party Of Group

Mrs. Earl Smith and Mrs. Charles Robinson, both wives of Y-12 employees, were first and second prize winners in canasta played at the February 16 meeting of the Carbide Wives at the Ridge Recreation Hall. A Washington Birthday theme featuring a hatchet and cherry tree design was carried out in the hall. Other winners at the monthly card party included Mrs. John L. Siegner, Mrs. L. A. Fulks and Mrs. M. J. Gaitanis at bridge, Mrs. H. F. Akin, wife of a Y-12er, in bingo and Mrs. Siegner, door prize.



The following Y-12 employees were patients in the Oak Ridge Hospital last week:

W. T. Mitchell, Research Services; Howard Garrison, Field Welding; C. H. Drummond, General Machine Shop; Clyde F. Brewer and W. T. McNamara, Planning and Estimating; W. C. Asbury, Colex Operations; George S. Easley, Property; N. B. Faust, Steam Plant; Everett E. Ramsey and P. E. Sheppard, Buildings and Grounds; J. O. Hibbitts, Analytical Development; N. B. Stutts, Beta Two; Dorsey G. Bruner, Civil and Architectural Engineering; Harvey W. Saylor, SDA Development; Willie Bailey, T. A. Fain and Cephas Brewer, Janitors.

Pianist Will Feature Last Orchestra Concert

Agi Jambor, founder of the Oak Ridge School of Music and an outstanding pianist now teaching in Baltimore, Md., will be the soloist in the final concert of the season by the Oak Ridge Symphony Orchestra on Saturday night, March 5. The concert will be at 8:15 p.m. in the civic auditorium in the Oak Ridge High School.

The guest artist on the program will present the Bach Piano Concerto in D Minor and Gershwin's Rhapsody in Blue.

Under direction of Dr. Waldo Cohn, conductor of the orchestra, the organization will offer a varied and attractive program. One feature will be the playing of two selections by Purcell, scored for a quartet of trumpets, timpani and organ. The Serenade by Richard Strauss will find the woodwind and horn sections in action in another offering and the string section will be featured in Barlow's Winter's Passed. The unique Overture for the Dedication of a Nuclear Reactor, written by Arthur Roberts, physicist-composer, also will be presented. This overture was given its premiere by the Oak Ridge Symphony Orchestra in 1952 and has been widely presented since then.

Former Cornell Professor Joins National Carbide

Dr. James A. Krumhansl, formerly Associate Professor of Physics at Cornell University, has joined the staff of the Research Laboratories of National Carbon Company, a Division of Union Carbide and Carbon Corporation, as Assistant Director of Research, it has been announced by Dr. L. M. Currie, Vice-President of National Carbon. Dr. Krumhansl will be located in Cleveland.

Dr. Krumhansl's research work has been primarily in solid state physics, with related topics in chemical physics. The Research Laboratories of the National Carbon Company have been designated as the major center of Union Carbide's activities in these fields.

Seminar Sets Friday Meet In ORINS Training Rooms

The Oak Ridge Physics Seminar session of the week will be held at 4:15 o'clock Friday afternoon, February 25, at the Oak Ridge Institute of Nuclear Studies Training Building on Administration Road. Dr. Eugene Guth, of Notre Dame University, will speak at the meeting. His topic will be "Theory of Inelastic Scattering of Electrons by Nuclei." Y-12ers interested in the subject are invited to attend the meeting.

ALL-CARBIDE BOWLING TOURNAMENT DATES GIVEN

Owls Upset Orsorts, Bombers Win Two

Plant Basketball Loop Produces Close Race

Only four games were played last week in the sizzling Y-12 Plant Basketball League, but one of them produced the upset of the season when the high-flying Owls tripped the league-leading Orsorts by 43-42. It was the first loss on the boards for the season by the Orsorts, who were charged with a first half of the season loss when through a schedule misunderstanding the team failed to appear and merited a forfeit.

Beta One Blasts Doodies

In other games last week the B Bombers took a pair of wins to gain a tie with idle Maintenance for second place. The Bombers blasted the Sunflowers 70-22 and trimmed C Shift 39-29. In the other clash Beta One bumped the D Doodies 61-30.

A full slate is on tonight at Jefferson Junior High School. At 6:30 p.m. the Doodies and Hot Shots will meet. The Owls and Bombers clash at 7:30 o'clock and at 8:30 p.m. Beta One and the Sunflowers will tangle. Two games are slated for Wednesday night. At 6:30 p.m. the Doodies and Owls will do battle and the Bombers and Hot Shots get together an hour later. The last game was moved up from 8:30 p.m. when the originally scheduled Sunflowers — C Shift game was postponed because of working schedules.

Owls Rally For Triumph

Dave Hansford and Sewell Brown led the Owls to their upset of the Orsorts. Hansford tallied 14 and Brown 10 points for the winners, who kept the usually high-scoring Orsorts well in check. Curt Beasman got 15 points and Bill Burch 11 for the losers. A blazing finish brought victory to the Owls, who were trailing by 35 to 26 at the three-quarter pole.

The Bombers got out in front of C Shift early in their game and held a close but safe lead throughout. Bill Butturini got 14 points for the winners and Joe Vannoy turned in a similar number for the C Shift cagers. It was John Baker with 21 and C. Shotts with 16 points to lead the Bombers in their romp over the game but outclassed Sunflowers. John Lewis and Fred Manning got nine and eight, respectively, for the Sunflowers.

Phil Hayes bagged 22 points for Beta One in its victory over the Doodies. Walt Simmons got 14. Thornton tallied 15 and Plemmons 11 for the losers.

Playoff Set March 10

That scheduled playoff game for the first half of the season title, set for last Thursday night, had to be postponed because of working schedules. It will be played March 10. The opponents will be the Orsorts and the Bombers, who were tied for the lead at the end of the first half.

League standing follows:

Team	W	L
Orsorts	6	1
Maintenance	4	1
Bombers	4	1
Owls	3	2
C Shift	2	3
Beta One	2	3
Sunflowers	1	4
Doodies	1	4
Hot Shots	0	5



BUZZING AROUND THE TOP OF the standings in the C League almost all season are the Hornets, shown above. From left are James Shirley, E. B. Galloway, Gib Hatmaker, S. F. Creigh and Carl Frazier.

Hot Wires Blank Deltas In C League

For the second consecutive week the Hot Wires of the C League of plant keglers turned in a white-wash victory to boost their league lead over the second place Hornets. The Hot Wires blistered the Deltas while the Rusty Five were creeping up on the Hornets for a three-point triumph. C Shift took three points from the Q Balls and the Glass Arms and Screw Balls broke even with two points each in the other loop contests last week.

The Hot Wires included all the team scoring records for the night in their sweep against the Deltas. The leaders had a 814 scratch game, boosted to 1006 with handicap; a 2265 scratch series and 2841 handicap series. Marrow, C Shift, posted a 212 scratch game and 250 handicap game for best in that field. Frank Zupan's 531 scratch series for the Screw Balls was best of the night as was the 623 handicap series of Dave Blessing, of the Glass Arms.

League standing follows:

Team	W	L
Hot Wires	23	5
Hornets	17 1/2	10 1/2
Rusty Five	15	13
Glass Arms	13	15
Q Balls	13	15
C Shift	10 1/2	17 1/2
Deltas	10	18
Screw Balls	10	18

Friedman Pinmen Beat Y-12 Outfit

The Y-12 varsity pinmen dropped three points to the Max Friedman team in their Oak Ridge City League match of February 14, the result leaving the Y-12 outfit in second place. The Y-12ers are five points behind the loop leading Clinton Bedding Co. keglers, which team also is composed entirely of Y-12 employees.

The Friedmanites took two out of three points and total pinnage from Y-12, the victor's team scores being 1010, 824, 923—2757; to 918, 960, 861—2739 for Y-12. Jack Spears spun a three-game score of 184, 204, 190—578 to top the Y-12 keglers. Joe Pryson was close behind with 230, 170, 168—568; then came Frank Zupan 168, 178, 199—545; Ernie Cobble 191, 198, 142—531; and Frank Gragg 145, 210, 161—516.

Battling Cards Finally Edged By ORNL Quint

Battling their taller opponents closely throughout three quarters, the game Cardinal basketkeers of Y-12 finally "pooped out" in the last period to drop a heart-breaking one-point game to Oak Ridge National Laboratory in the only Knox-Ridge League game of the week for the Y-12ers. The final score was 53 to 52. A 15 to 11 last quarter won for the Labsters.

Palo O'Neal was high point man for Y-12 and the game with 19. Fred Hardin kicked in 12 and Don Wood 11 for the Cards. Ralph Taylor had eight points and played a whale of a defensive game for the red and white. Muckenthaler got 14 points and Elmo Wolfe 10 for ORNL.

The Cards will wind up their loop schedule tonight, Wednesday, February 23, in Knoxville against the Buildings and Trades team. They also may play a weathered-out clash against Bowers if needed.

Y-12 Keglerettes Blank AEC Lassies In Women's Loop

Y-12's varsity keglerettes, champions of the first two rounds of play in the Oak Ridge Women's City Bowling League, got a running start in the third and final session of play when they blasted the Atomic Energy Commission lassies for a four-point whitewash victory last Thursday night. Four other teams—EAT, Stinkers, Management Services and Bailey Motors—scored similar wins to create a five-way tie for first place in the league.

Capt. Mavis Koons continued her fine bowling for the season to lead her pals to the triumph. The Y-12 leader strung games of 174, 165 and 237 together for a 576 series. Following were Juanita Reed with 170, 150, 178—498; Ruby O'Kain 146, 172, 163—491; Betty Whitehorn 156, 192, 113—461; and Dot Park 139, 124, 137—400.

The game scores were 785, 803, 828—2416 for Y-12 and 726, 776, 749—2251 for AEC.

Y-12 Basketkeers Plan To Enter Meet

Several Y-12 basketball teams, including the varsity Cardinals and Robins, were planning to enter the Southern Appalachian Tournament to be played in Knoxville and sponsored by the Knoxville Recreation Bureau. The event is the largest in the country, with several hundred teams planning to enter and a schedule that will require two or three weeks to complete. In addition to the Cardinals and Robins, Y-12 Plant League teams planning to compete are the Orsorts, Maintenance and B Bombers.

Event Set March 26 And 27, April 2 And 3 At Terrace For Teams, Doubles, Singles

Prize Money, Trophies To Be Awarded Winners; Entry Lists For Competition Will Close March 12

Bowlers of Y-12 are sighting ahead to the annual All-Carbide Tournament set for March 26 and 27 and April 2 and 3 at the Oak Terrace Alleys. Entries for the various events will close at 4 p.m., Saturday, March 12. Teams and individuals wanting to enter the tournament may obtain entry blanks from the Y-12 Recreation Office, Room 221, Bldg. 9704-2.

Competition will be staged for teams, doubles and singles. Only bowlers who are employed by Carbide at Y-12, K-25 or the Oak Ridge National Laboratory and who have bowled a minimum of 12 games in regular league play at one of the Carbide plants or independently are eligible to enter the tournament.

March 1 Averages To Apply

American Bowling Congress rules will govern the tournament and averages on which handicaps are based will be the highest league average as of March 1. Handicaps are based on 70 per cent of the difference between the average of the individual bowler in league competition and 200. Averages must be certified by league secretaries.

Trophies will be awarded for both handicap and scratch high scores for the first three places in the different events. All cash prizes will be awarded only for high handicap scores.

Division For Women Possible

A division for women bowlers will be arranged for the tournament if sufficient number of feminine players show interest in the competition to take this step. The women bowlers would compete only among themselves with trophies going to first place only.

Entry fees for the tournament will be \$2 per bowler per event, the fees being equally divided for alley costs and prize money. The entire \$1 for prize money will be returned in prizes with five per cent being set aside for the all events high scorers.

Cubs Claw 921lites To Lead B League

The Cubs clawed their way to undisputed possession of first place in the B League of plant bowlers last Thursday night with a white-wash win over the Bldg. 9211 keggers. The Bumpers climbed to a three-way tie for second by taking three from the Rebels, sharing the spot with ADP and Swingsters. ADP licked the Tigers for three while the Swingsters and Wolves broke even. The Rippers lost a chance to advance by deadlocking with the Has Beens and the All Stars toned down the Wasps by three.

The Bumpers bumped right through all scoring honors in team tallying with 925, 1046, 2585 and 2948 across the boards. George Schierbaum helped them along with a 578 scratch series, boosted to 656 with handicap. Webber, Wasps, had a 212 scratch game for best of the night and tied with P. Smith, Bldg. 9211, with a 240 handicap game for tops.

League standing follows:

Team	W	L
Cubs	7	1
ADP	6	2
Bumpers	6	2
Swingsters	6	2
Rippers	5	3
Wasps	5	3
Wolves	5	3
Has Beens	3	5
All Stars	3	5
Rebels	2	6
Bldg. 9211	1	7
Tigers	1	7

Shift Bowlers Get Preference

Competition for teams will be staged on the first two days of the tournament, Saturday and Sunday, March 26 and 27. Singles and doubles will be rolled on Saturday and Sunday, April 2 and 3. Preference in schedule hours will be given bowlers on shift work.

Tournament directors are W. H. Stanton, Y-12; A. G. Burris, K-25; and Al Sabo, Oak Ridge National Laboratory; recreation supervisors of the three Carbide plants in Oak Ridge; and R. G. Williams, also of K-25.

Y-12 bowling teams and individuals wanting further information on the tournament may obtain it from the Recreation Office, telephone 7753.

All-Carbide Scores Will Decide Y-12 Plant Pin Titles

To avoid duplication of events, there will be no Y-12 Plant Bowling Tournament this year. However, plant championships in team play, doubles and singles will be determined by scores posted by Y-12ers entered in the All-Carbide Bowling Tournament, details of which are given in the adjoining column of this page.

Handicap scores only will be considered for the Y-12 teams and individuals entered in the All-Carbide event and trophies will be awarded winners in the various events.

Under this arrangement, the Y-12 team with the best handicap score in the All-Carbide tournament will be declared the Y-12 Plant Champions without further play. In similar fashion the best singles player, doubles team and all-events score posted by Y-12ers in the Company competition will automatically bring Y-12 championship honors.

Carbide Basketkeers Meet Indian Team

The best basketkeers of the three Carbide plants in Oak Ridge will be formed into an all-star team to meet a band of marauding Sioux Indians, an aggregation of barnstorming hoopsters with a reputation of being solid basketball players as well as good court entertainers. The attempting tomahawking of the Carbide stars will take place at 7 o'clock tomorrow night, Thursday, February 24, and a small admission charge will be made.

The local squad undoubtedly will be composed of several Y-12ers who have been ranking high in the Knox-Ridge scoring columns this season. Manager Charley Knowles will select the Cardinals to perform on the all-star squad.

Pistol Team Of Y-12 To Meet Lab Friday

The Y-12 pistol team, strong contenders in the Oak Ridge Pistol League, will take on their arch rivals from the Oak Ridge National Laboratory Friday night, February 25, at the Oak Ridge Sportsmen's Association range. The Labsters and Y-12ers have been close to the top of the league standing all season and a close match is expected when the teams clash.



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U. S. Postage**PAID**Oak Ridge, Tenn.
Permit No. 3**Gragg And Pryson
Post Good Scores
In Southern Meet**

The men's varsity bowling team of Y-12 stepped out in fast company last week end over in Asheville, N. C., where they competed in the 18th annual Southern Bowling Congress handicap tournament. A total of 204 teams and more than 1,000 bowlers are entered in the event, which will run until March 21.

The best Y-12 showing was in doubles where the combination of Frank Gragg and Joe Pryson stood second in the tournament after Sunday's bowling. Pryson rolled a 535 scratch series, boosted to 587 with handicap, and Gragg had 643 and 689 for a team total of 1178 scratch and 1278 handicap. A duet from Tuscaloosa, Ala., was tops.

In team bowling the Y-12ers had a 2668 scratch and 2928 handicap tally. A Jacksonville, Fla., team led after the first round with a 3200 handicap score. Joe Pryson's 629 handicap series was best for Y-12 in this event. Pryson also had a 610 handicap series in singles. Frank Gragg's 1842 was the best Y-12 score in all events with Pryson close behind at 1826.

**Cards Top Oakdale
In Close Tilt, 40-30**

A stubborn Oakdale team, strong on defense but without much scoring punch, held the Y-12 Cardinal varsity basketball team to a 40 to 30 triumph last Saturday night at the Oak Ridge High School. In a light-scoring first half the visitors held a 14-11 edge but in the last two periods the Cards caught up and went ahead.

Palo O'Neal led the Cards with 14 points, then came Fred Hardin with nine and Lew Fitzgerald with eight. P. Angel led Oakdale with 10 and Langley got nine.

**Secretaries Still May Join
For Special Training Class**

Secretaries employed by Carbide in the Y-12 Plant Area still may enroll in the special secretarial course being offered in Oak Ridge by the University of Tennessee Extension Service and the Oak Ridge Adult Education Office. The course opened last night, Tuesday, February 22, and will continue through April 26. Information on enrollment may be obtained from the Adult Education Office in the high school. Classes will be held from 7 p.m. to 9:30 p.m. Tuesdays and Thursdays at the high school.

The course carries three hours of university credit. It is designed primarily as a review course for secretaries who are preparing to take the examination for Certified Professional Secretary.

WHERE COURT GETS QUILLS

For generations the United States Supreme Court imported all of its quill pens from England. Recently it was discovered that the court could get all the quill pens it wanted from New Haven, Conn.

**R. C. Work
Covers Varied
Field In City**

In almost every corner of the earth, the American Red Cross is recognized as a symbol of the good neighbor. In its annual fund campaign this year, the Oak Ridge Chapter of the Red Cross is merely asking Y-12ers and other friends of the organization to exercise their good neighbor qualities by enrolling for membership in the Red Cross and helping other persons in times of trouble or emergency.

The Oak Ridge Chapter has a comprehensive program of eight major parts mapped to fulfill its obligations. In many cases they are interlocking—but all have the one common objective, answering the call of those in need.

It is through the Home Service Program that the Red Cross carries out in the community its responsibilities to service men, veterans and their dependents—and to the dependents of deceased service men and veterans. These services include reporting and communication service, counseling in personal and family problems and assistance in applying for government benefits. The service goes even further in advancing financial assistance on the basis of need for emergency aid of wives and children of service men during the period before first receipt of family allowance or allotment and when such payments are delayed.

The Red Cross Blood Program is one of the most important services given by the local chapter. Volunteer donors, recently heavily increased by an appeal and including many Y-12 employees, supply blood for patients in the Oak Ridge Hospital free of charge, except for a laboratory fee for processing the blood. Many lives have been saved through this service of the chapter.

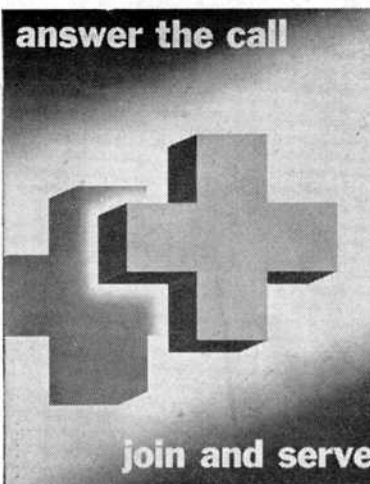
First Aid Training Given

Classes in junior, standard and advanced first aid are given in the First Aid Program of the Oak Ridge chapter. First aid, as the term used by the Red Cross, means the immediate care given to injured in the absence of a physician and training is given by trained instructors. The Oak Ridge First Aid Program has been given to Civil Defense groups, Boy and Girl Scouts and many student groups.

The Water Safety Program has as its immediate objective the offering of free swimming instruction to children and adults so that they may be safe in or around the water. This instruction also is given by trained personnel with many hundreds of Oak Ridge residents attending classes at the Oak Ridge pool during the past several years.

Free instruction in simple home nursing care is the purpose of the Home Nursing Program of the chapter, which is one of the most vital in the objectives of the Red Cross. A 12-hour class teaches what to do when illness occurs, how to recognize signs and symptoms of illness and how to report them to doctors. This instruction also includes how to keep patients clean, comfortable and well-nourished as well as how to give medicines and simple treatments ordered by physicians. Classes in home nursing have been given Civil Defense workers in Oak Ridge as well as home economic students at the Oak Ridge High School.

Service Groups of the local chapter are three in number. The Gray Lady Service works in the Oak Ridge Hospital with their duties consisting of visiting with patients, distributing reading material, shopping for patients and their families. Another group is the Production Service, which provides gifts for service men and veterans, particularly in hospitals. These gifts include kit bags, cigarettes, books, card table covers and bathrobes. The Motor Corps in

**\$5,000 Goal Is Set
For Red Cross Drive**

Continued from Page 1

International Guards Union of America. Both of these union leaders pledged their whole-hearted support of the campaign and endorsed the objectives of the Red Cross.

R. R. Tippy, of Manufacturing Office, has been appointed by Chairman Walker as secretary-treasurer of the committee and will have charge of auditing the returns.

The plant campaign committee will receive the Red Cross pledge cards some time this week, well in advance of the date set for the opening of the drive.

May Make Deductions

Contributions to the Red Cross may be made by Y-12ers either through cash, check or payroll deductions. Only one deduction will be permitted, to be made on pay checks delivered April 22 to hourly and weekly paid employees and one April 26 for monthly paid Y-12ers.

That \$5,000 goal set for Y-12ers is approximately \$1 per employee.

The quota of \$5,000 for Y-12 this year compares with the \$3,750 asked last year. In a whirlwind drive that was completed in less than one day Y-12ers turned over \$3,891.36 to the Red Cross on the opening day of the campaign and went on to increase that figure to \$6,065.46 within a week. That was 61.7 per cent over the quota assigned and the most money ever raised for the Red Cross in Y-12.

Y-12ers Are Chapter Officials

For years Y-12ers in all ranks have been active in their support of the Red Cross, both through belonging to the organization by contributing in the annual campaigns and also by taking active roles in work of the Oak Ridge Chapter. James E. Campbell, of Industrial Relations, now is Chapter Chairman; and Paschal Hamrick, of Employment, is Chapter Vice Chairman. W. S. Herron, 1955 fund campaign chairman for the chapter, is a former Y-12er.

The Production Service provides transportation for handicapped children for treatment and for other functions of the chapter.

In the Disaster Preparedness and Relief Program the chapter works closely with Civil Defense authorities and has agreed to accept responsibility for emergency shelter and shelter feeding.

An efficient Junior Red Cross program is conducted by the local chapter. Pupils in Oak Ridge schools are enrolled 100 per cent in the Junior Red Cross. The youngsters have made and sent many articles to hospitalized service men and veterans throughout the year. Overseas gift boxes are sent to children abroad who have inadequate supplies.

These descriptions of the functions of the Oak Ridge Red Cross chapter necessarily are brief. However, they encompass many ways of bringing aid to many persons less fortunate than those—including Y-12ers—who will be asked next week to "answer the call—join and serve" the Red Cross in its Oak Ridge errands of mercy.

**'Big Toot' Back
Sounding Off
From New Site**

Continued from Page 1

by an announcement that "Big Toot" would soon resume tooting for the benefit of all Y-12ers—he was merely being moved from one of the old steam plant buildings to the big new steam plant recently placed into service in the Y-12 Plant Area.

He Is What He Is

"Big Toot" is sort of a plebian whistle—he hasn't the background or some of those smooth whistles sometimes heard on the now nearly defunct old steam locomotives or the heritage of coming from an old Mississippi steamboat. However, "it isn't what he was but what he is" that makes him the bosom pal of Y-12ers as his dulcet tones sound off at stated times.

"Big Toot" is back on the job now and will begin doing his clock-watching job soon in his new location.

Welcome home—"Big Toot."

**I. M. Stewart Named
UCC Western V.P.**

Isaac M. Stewart, Vice-President of Union Carbide and Carbon Corporation, in addition to his responsibilities in New



York, will become resident Vice-President of the Corporation in the Pacific Coast and Rocky Mountain areas, it is announced by Morse G. I. M. Stewart, G. Dial, President. His western office will be located in the Union Carbide Building, San Francisco, Cal.

Stewart joined Union Carbide in 1936, and has been a Vice-President of the Corporation since 1949. He is also Vice-President of several Divisions of Union Carbide.

Stewart was born in Salt Lake City and lived in that region and California for many years. He attended University of California at Los Angeles and was graduated from George Washington University, Washington, D. C., with the degree of LL.B. in 1928. He still maintains a home in Utah.

**Chemical Engineers To Hear
Talk By ORNL Consultant**

The Knoxville-Oak Ridge Section of the American Institute of Chemical Engineers will hear a talk by Dr. Allyn W. Kimball, consulting statistician and mathematician of the Oak Ridge National Laboratory at its meeting tonight, Wednesday, February 23. The meeting will be at 8 p.m. in Room 18 of the Oak Ridge Institute of Nuclear Studies library building on Administration Road in back of the AEC Administration Building.

Dr. Kimball's subject will be "Optimization Procedures in Chemical Processes." All Y-12 members of the organization are urged to attend the meeting.

'OLD HICKORY' WAS TOUGH

Gen. Andrew Jackson, Tennessee and Florida senator and noted one-time President of the United States, was rightly called "Old Hickory." Among other things he survived smallpox, tuberculosis, malaria, rheumatism, dysentery and a bullet under his heart—yet lived to be 78 years old.

Indiana woman got a divorce on the grounds that her husband cracked her ribs practicing "wrestling holds he saw on TV."